Message

From: Lindstrom, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=04BF7CF26AA44CE29763FBC1C1B2338E-LINDSTROM, ANDREW]
Sent: 7/19/2018 7:08:32 PM
To: Washington, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdc3e8ce9f1d45c4894881ff420ca104-Washington, John]
Subject: RE: Possibility of multi-state dispersion?

John,

Great. From what I'm hearing, NJDEP is really looking forward to our meeting.

Thank you very much,

Andy

From: Washington, John
Sent: Thursday, July 19, 2018 1:58 PM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Subject: RE: Possibility of multi-state dispersion?

Hey Andy,

Woops, yeah, I have distances transposed thanks. But interesting that distance ratio and 0,1 polyether ratio both are about 3!

I also want to run a couple of samples with all the same analytical parameters except for the M/Z values set at M+2 for the heavy isotope of Cl; these peaks ought to be about 1/3 the peak areas of the primary isotope.

I will try to get you a draft for more checking on Monday.

John

From: Lindstrom, Andrew
Sent: Thursday, July 19, 2018 1:53 PM
To: Washington, John <Washington.John@epa.gov>
Subject: RE: Possibility of multi-state dispersion?

John,

Interesting. A detectable out of state background is significant and we should be thinking about that.

Does your table below say that site 22 is 270 miles from Solvay?

Laurence talked about the old Solvay facility in Decatur yesterday. Is it possible to look at some of the Alabama samples for SolvX?

Thank you,

Andy

From: Washington, John
Sent: Thursday, July 19, 2018 1:07 PM
To: Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Subject: Possibility of multi-state dispersion?

Hey Andy,

For soil samples, Samples 21 and 22 are intended to be "background", but I got hits on them for polyethers. So I wondered if a single Solvay plant might really be the source or if there are other sources.

As a first test, I decided to measure polyethers in the New Hampshire soil. Turns out I got a low level hit (less than "reproducible") for one polyether. So I compared the polyether concentrations of Sample 22 and New Hampshire to the distance, and lo and behold, its roughly the same ratio.

Below is the current draft slide showing this. This suggests the possibility of widespread dispersion from Solvay, at both the intra-state and inter-state levels.

John

Ex. 5 Deliberative Process (DP)